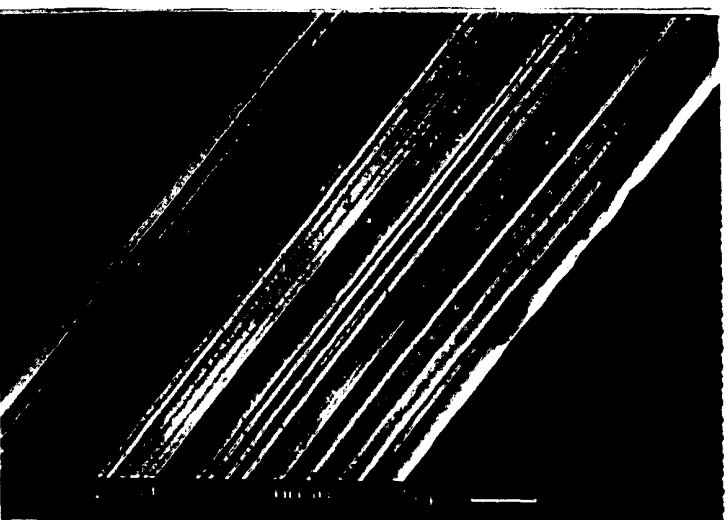
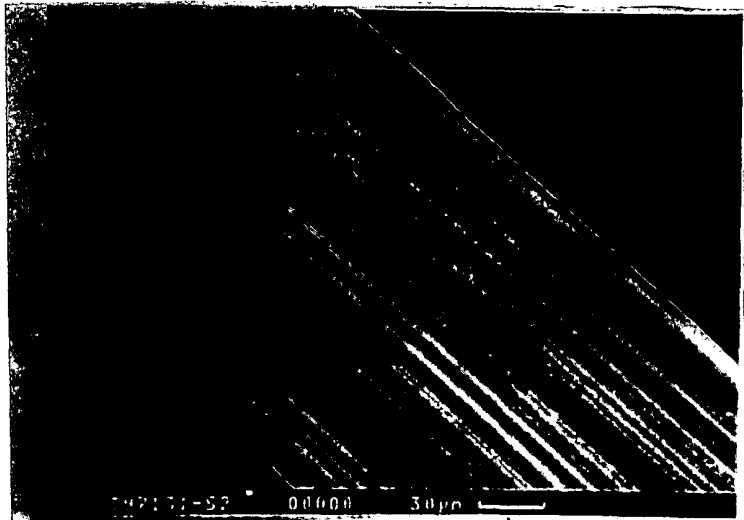
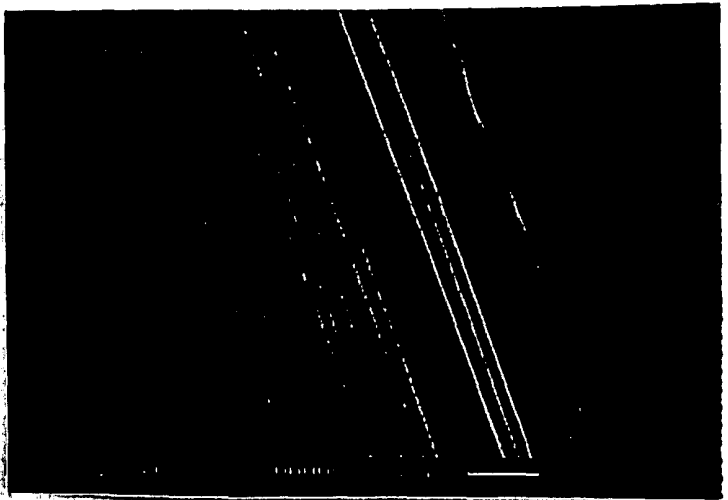
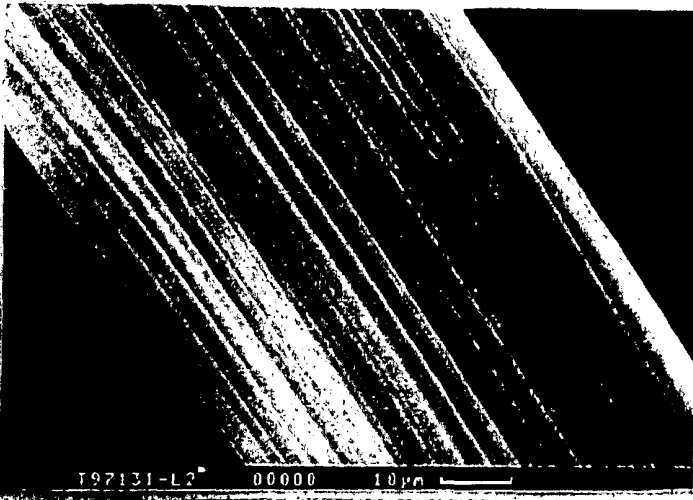
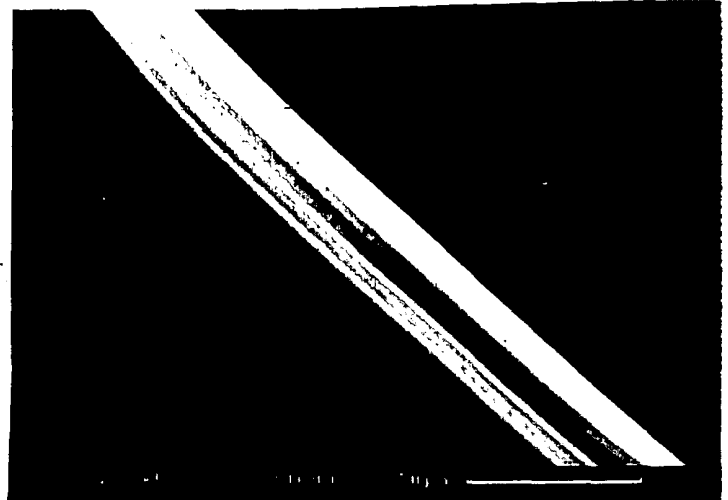
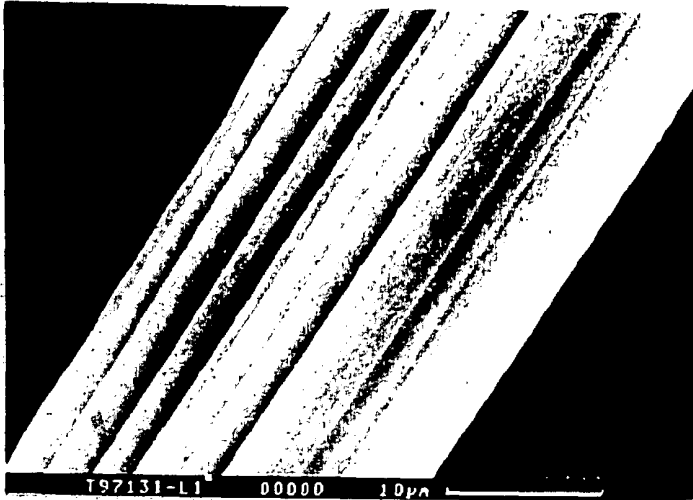


Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277

1/15

Figures 1 to 6

Scanning electron micrographs of the samples



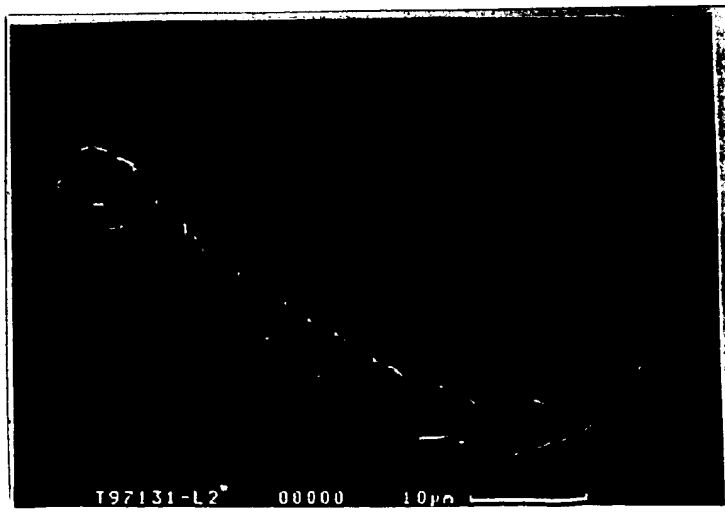
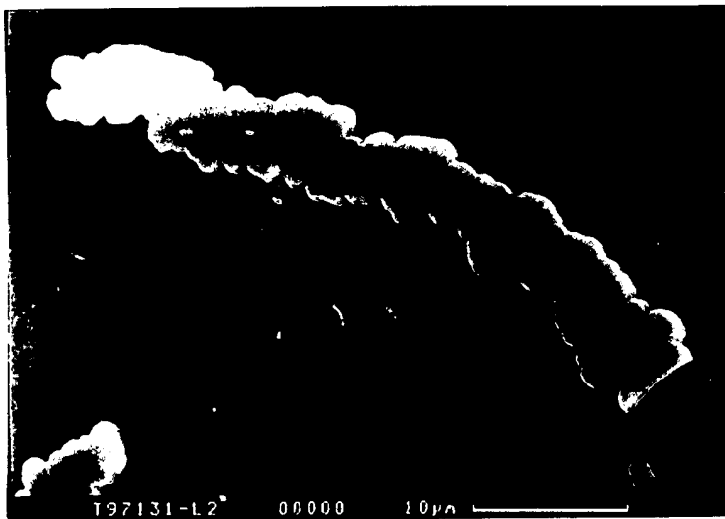
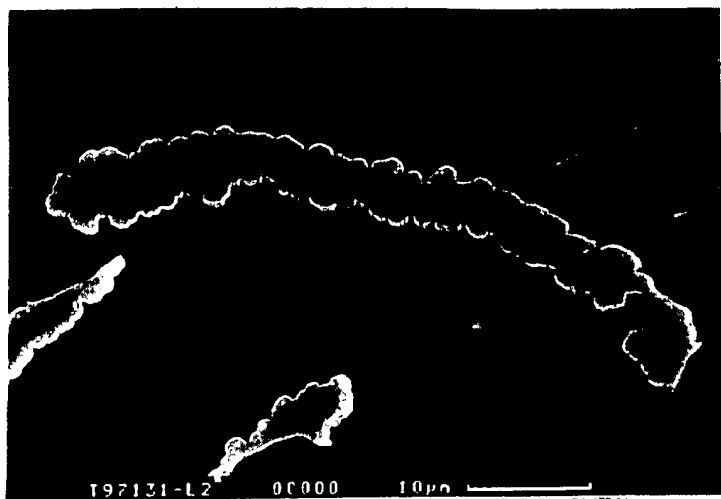
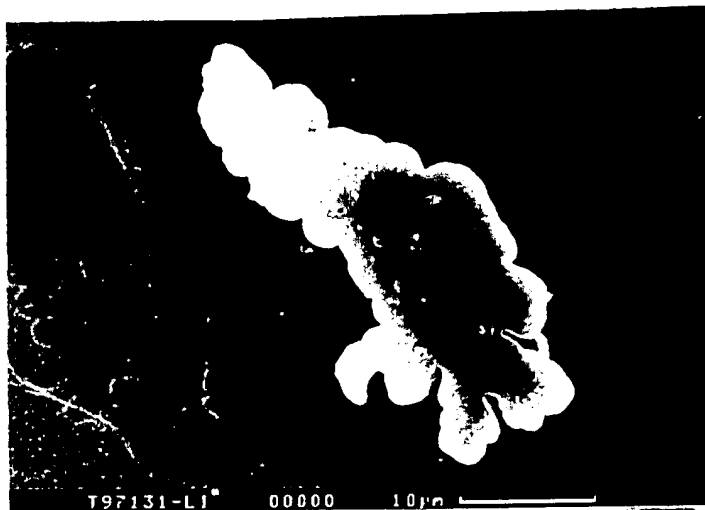
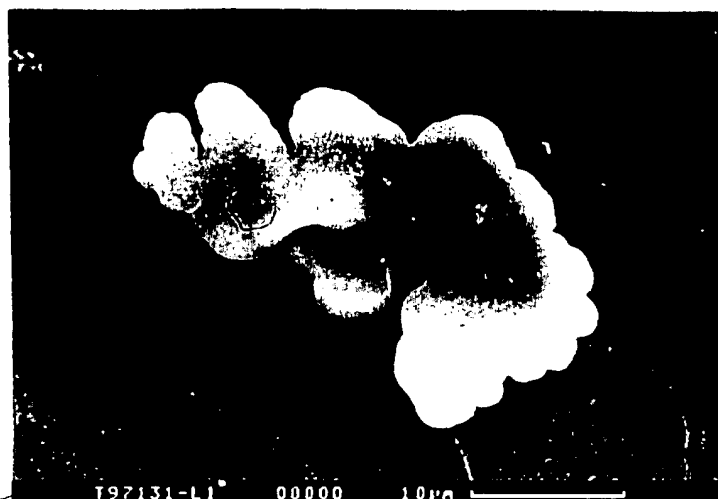


Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277

2/15

Figures 7 to 12

Scanning electron micrographs of microtome sections (approx. 3  $\mu\text{m}$  thick)

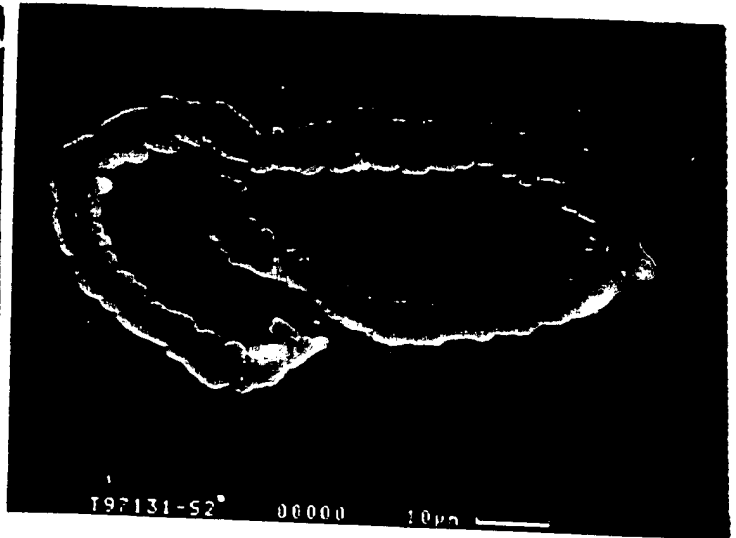
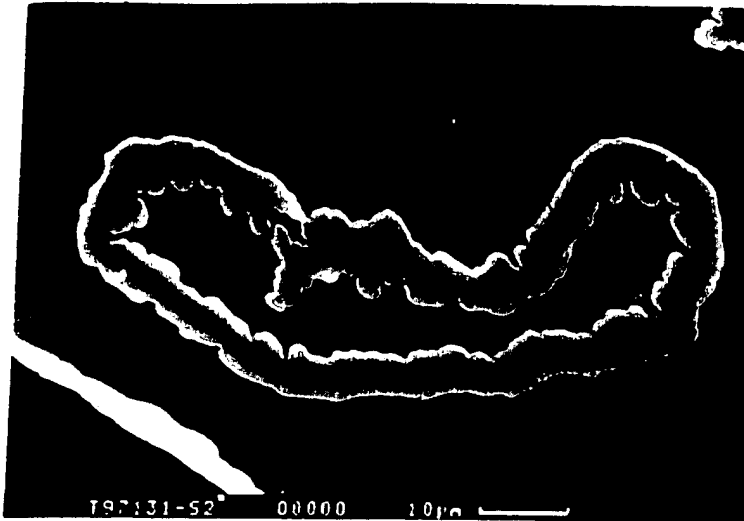




Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277

3/15

Figures 13 to 15

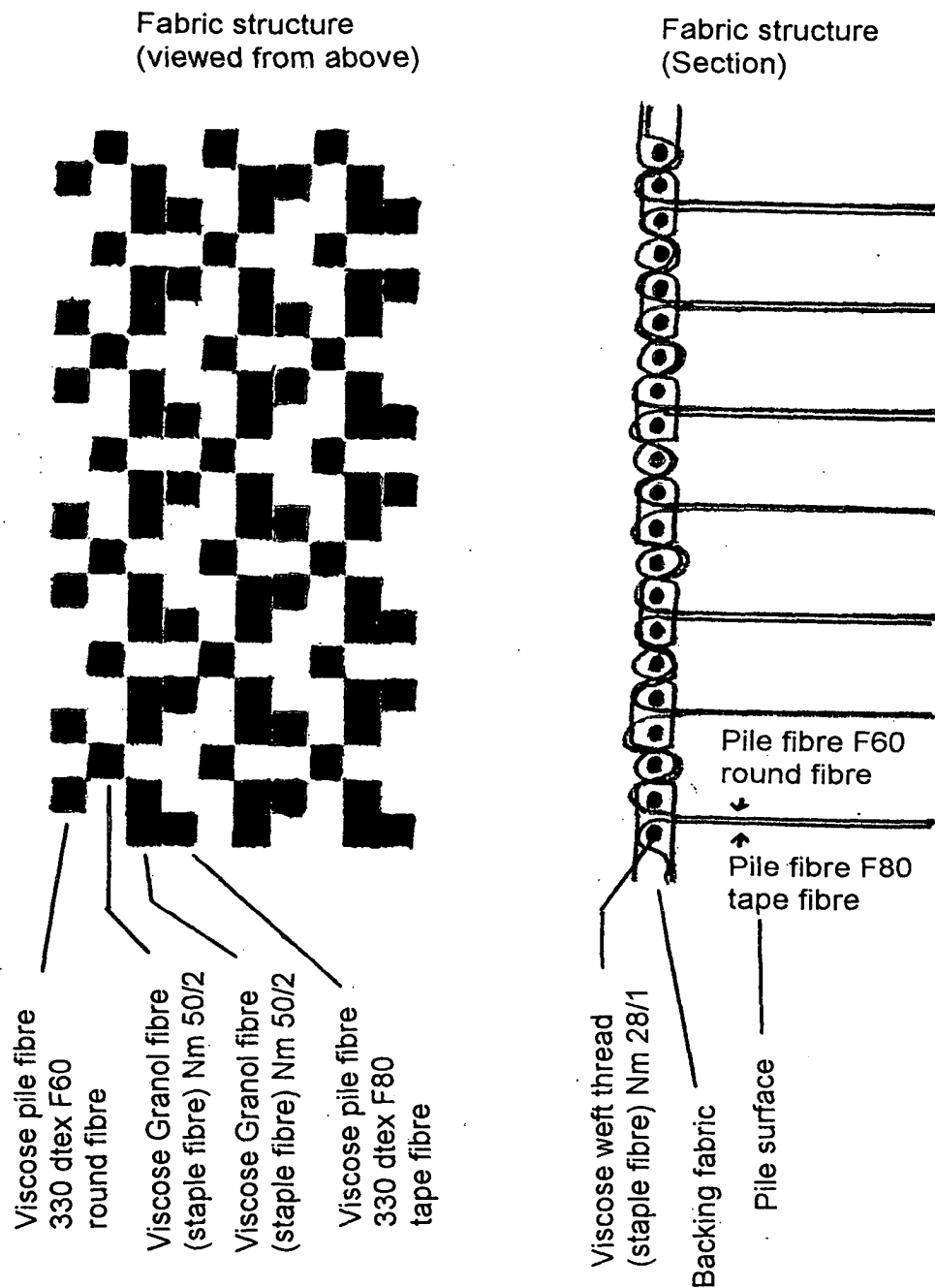




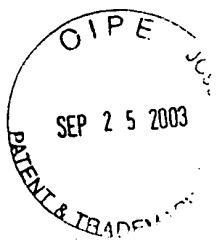
4/15

Figure 16

Pile fabric (M-2/250)

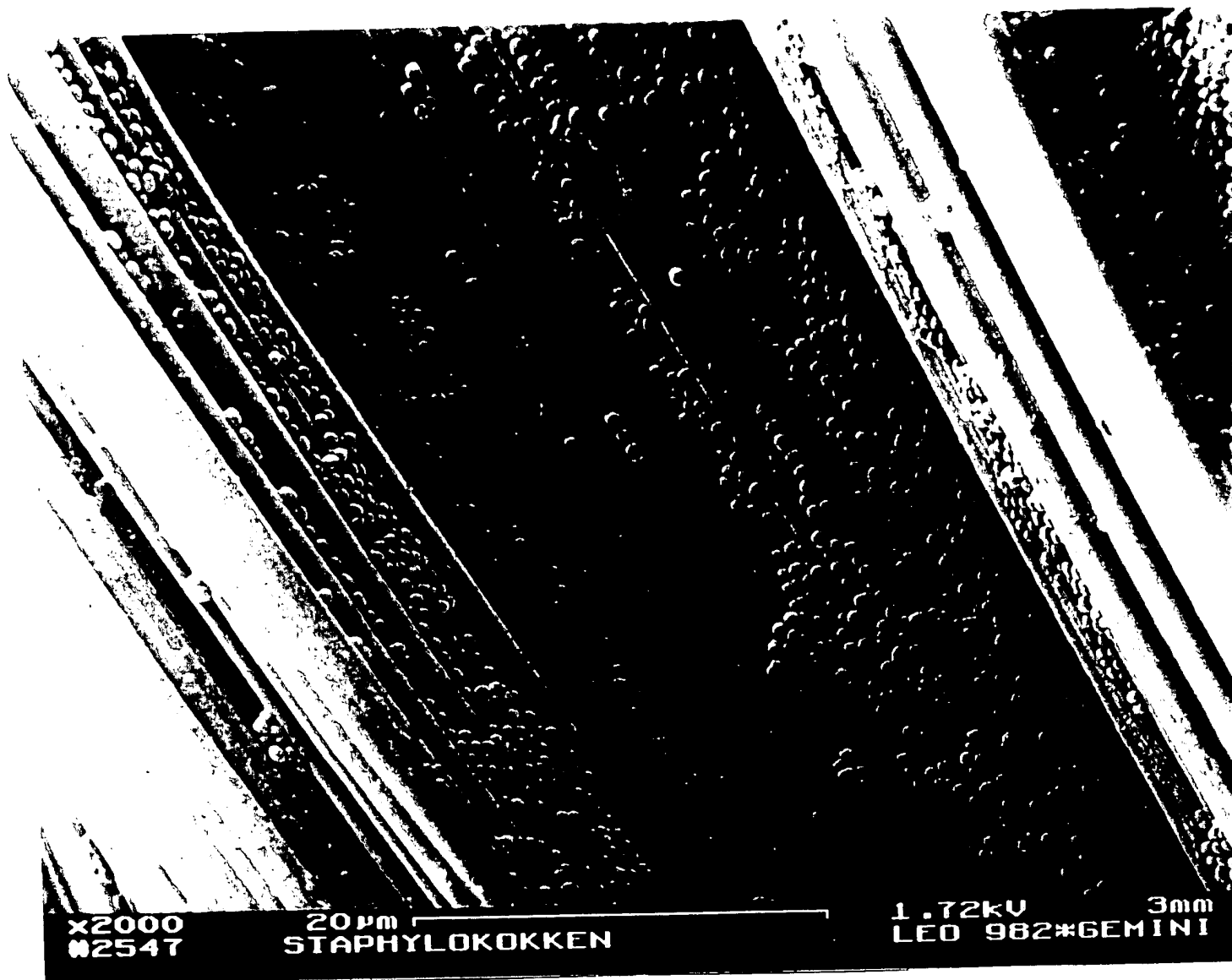


Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277



5/15

Figure 17

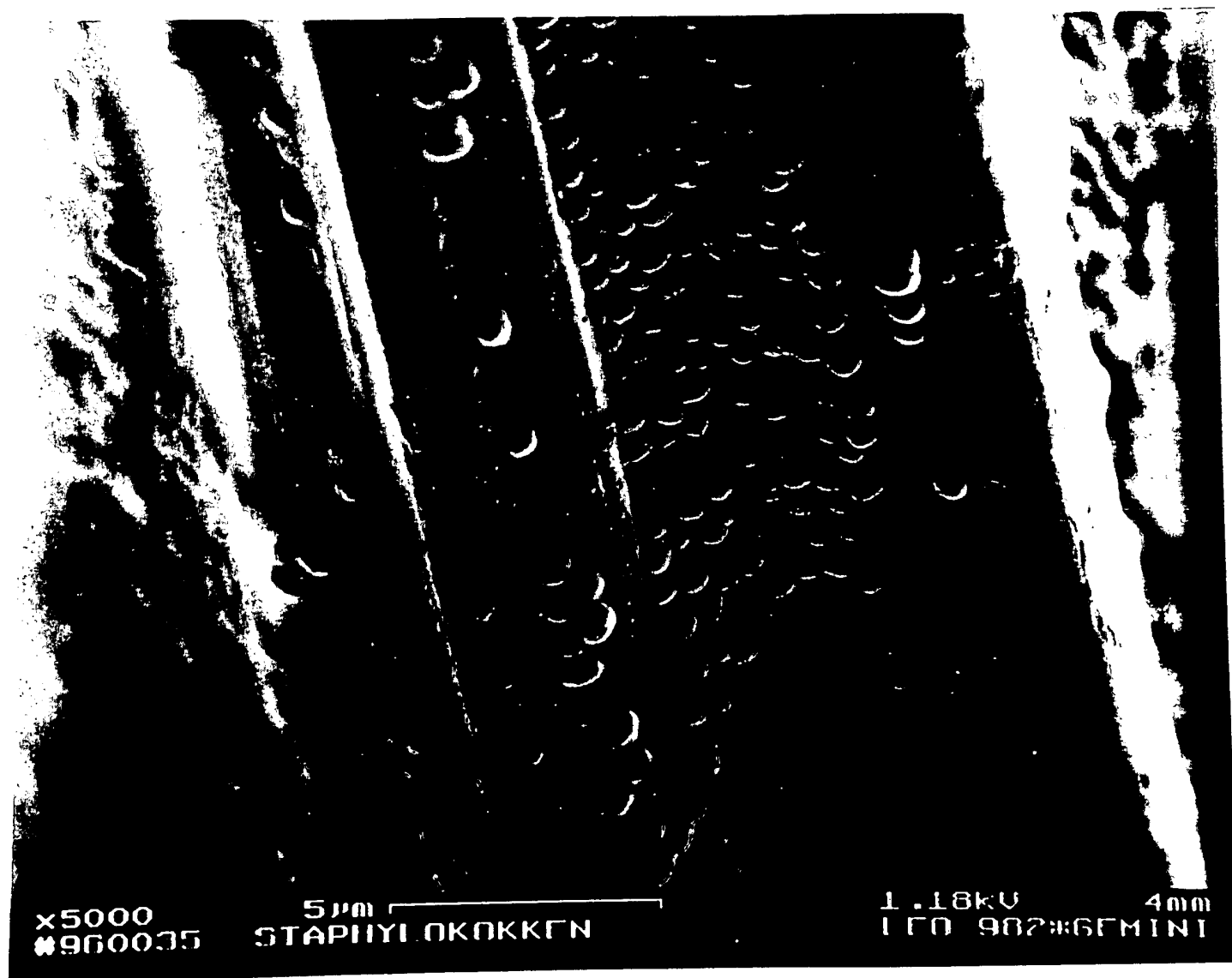


Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277



6/15

Figure 18





Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277

7/15

Figure 19

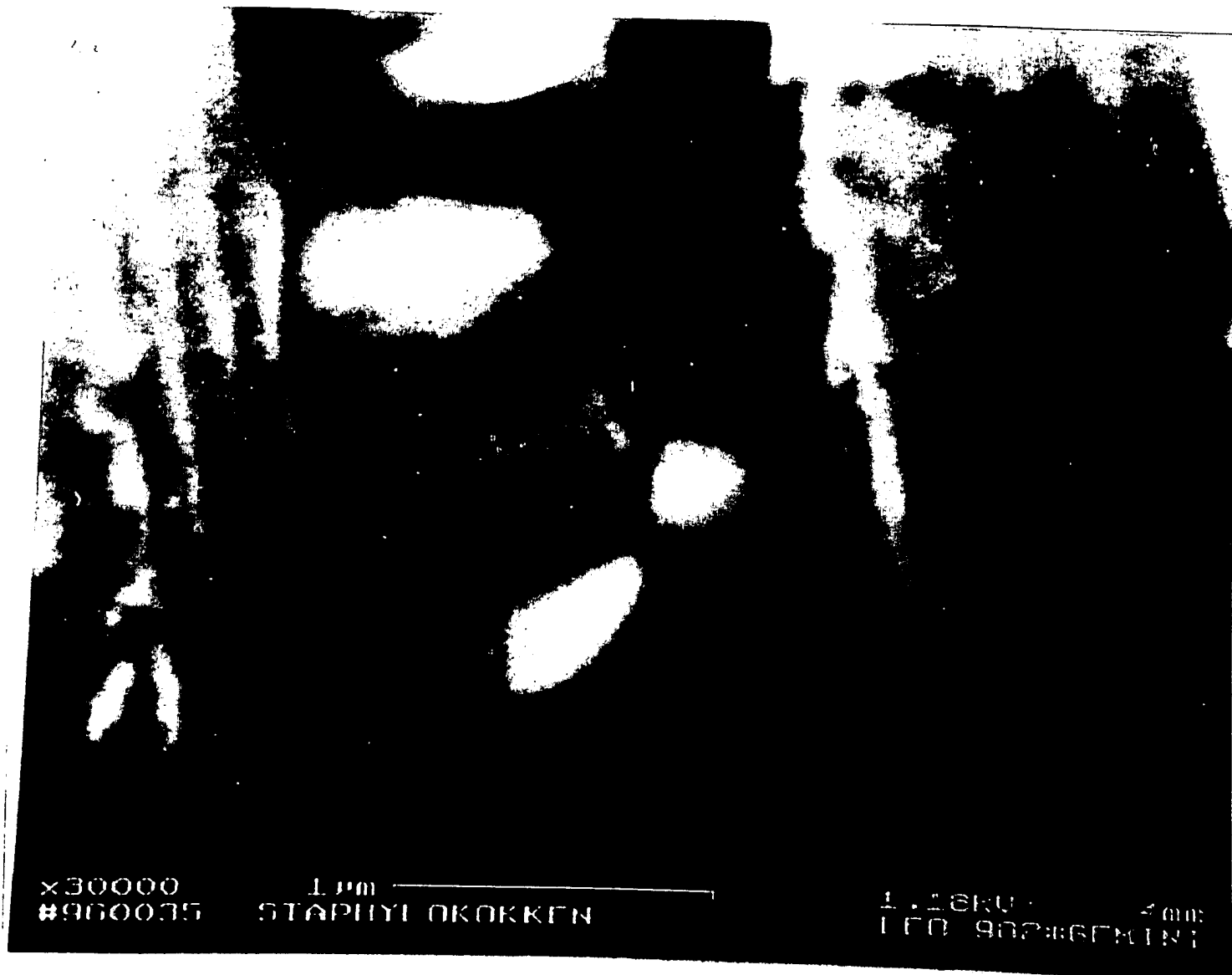




Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277

8/15

Figure 20



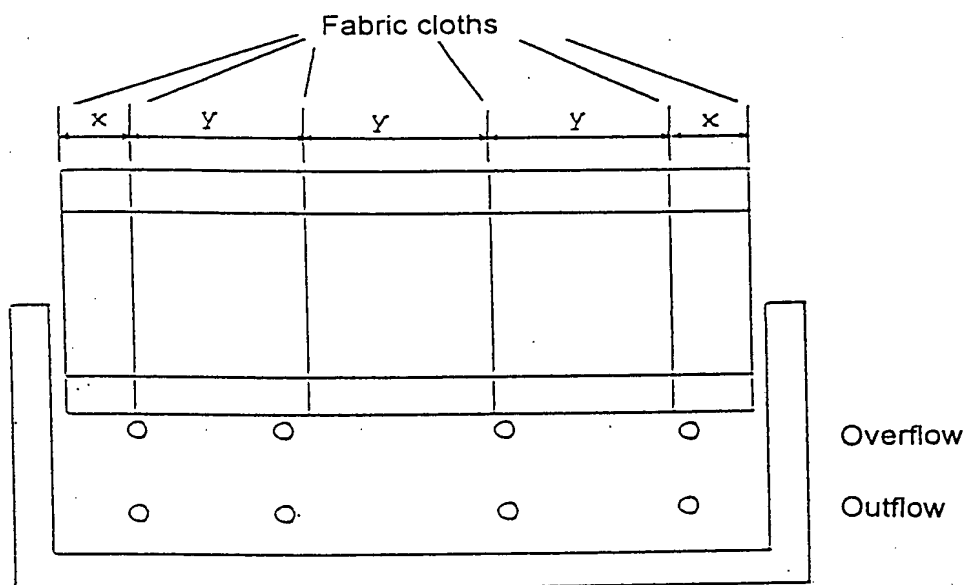




Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277

9/15

Figure 21



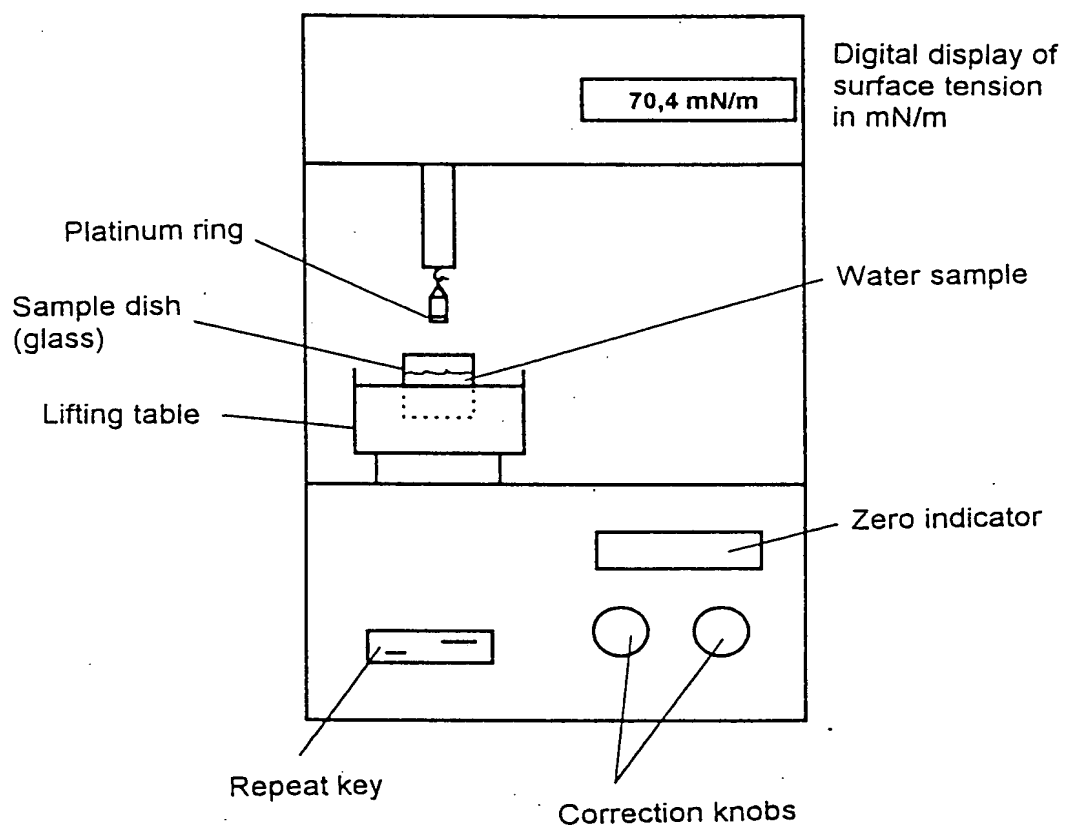
x, y: spacing between fabric cloths



Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277

10/15

Figure 22

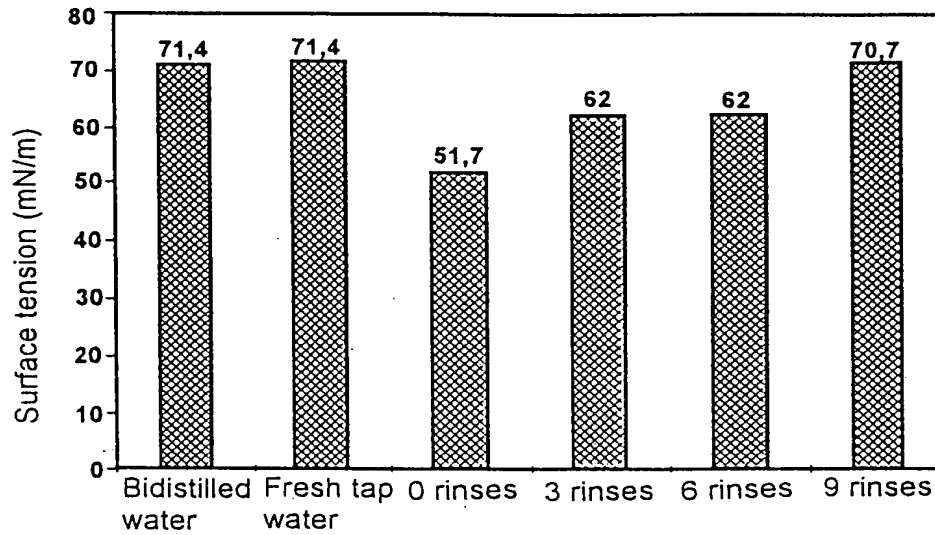


Tensiometer to measure the surface tension

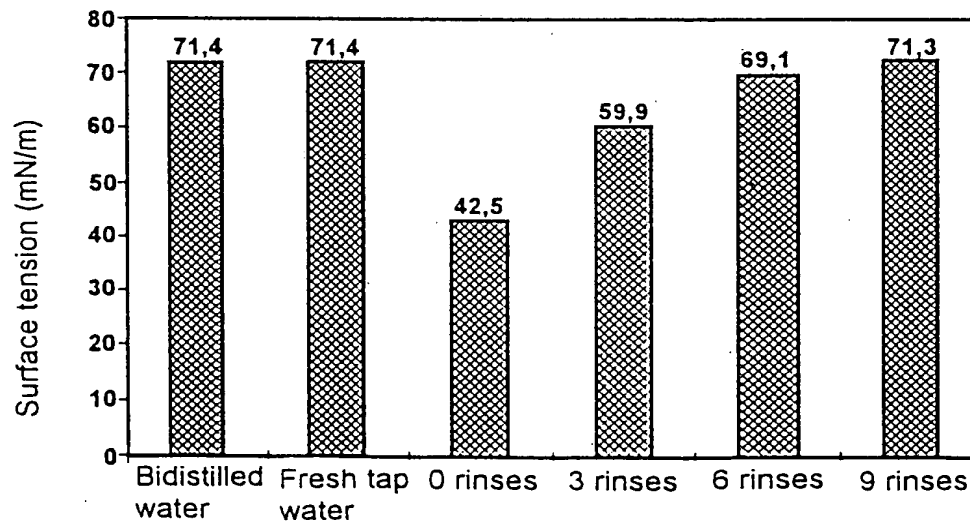


11/15

Figures 23 and 24



Surface tension-reducing effect of the fabric L01 as a function of rinsing the fabric

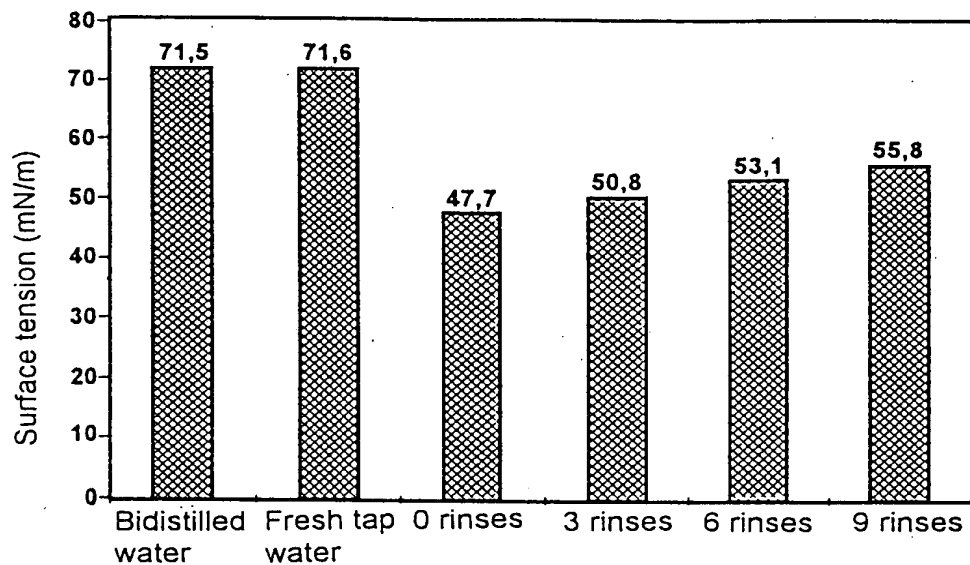


Surface tension-reducing effect of the fabric L02 as a function of rinsing the fabric

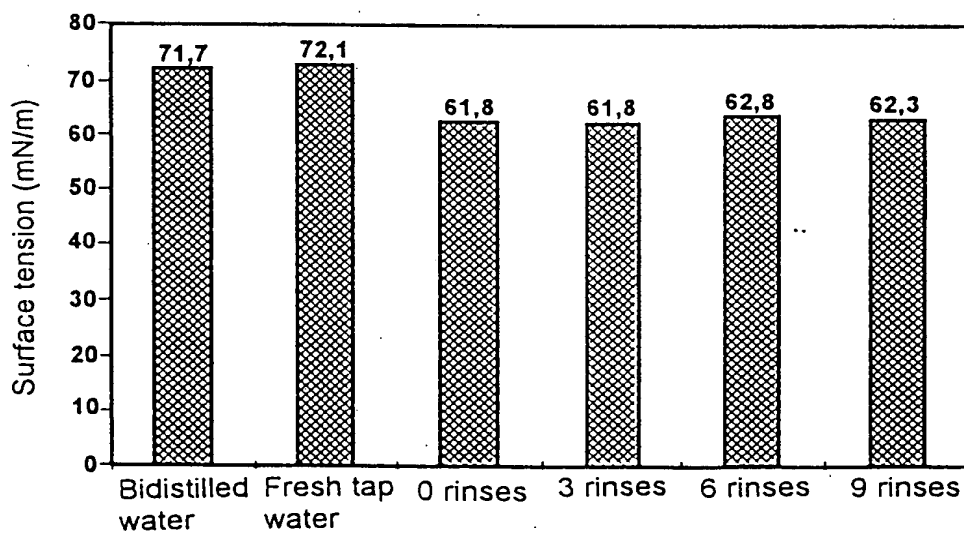


12/15

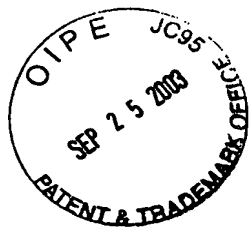
Figures 25 and 26



Surface tension-reducing effect of the fabric S10 as a function of rinsing the fabric



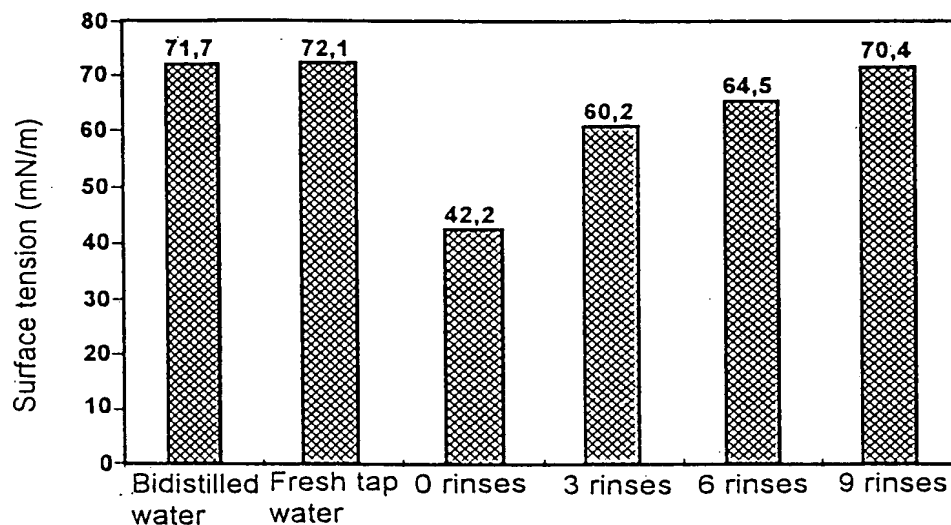
Surface tension-reducing effect of the double-sided fabric L01



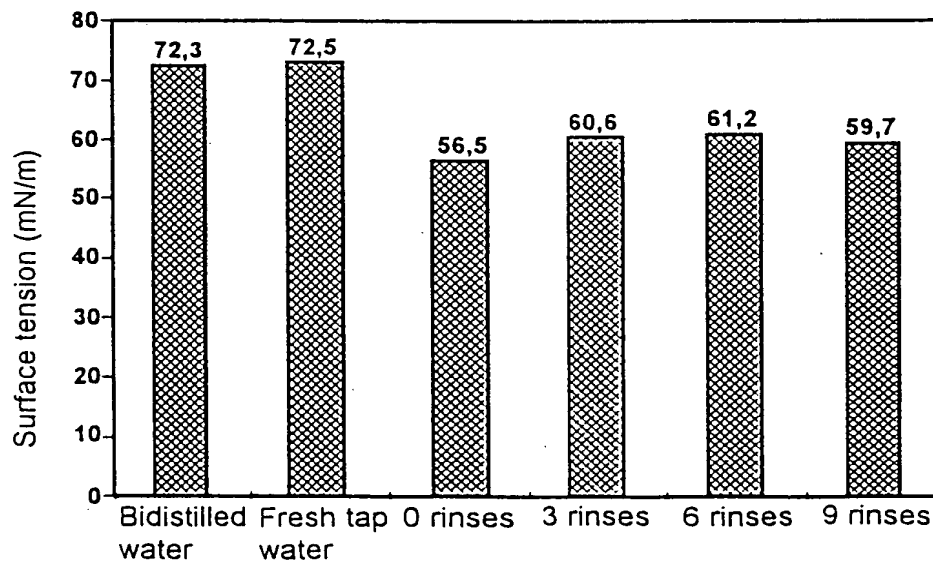
Title: PROCESS TO MANUFACTURE A  
CELLULOSE FIBRE FROM HYDRATE  
CELLULOSE  
Applicant(s): Neumayr et al.  
Serial No.: 09/485,277

13/15

Figures 27 and 28



Surface tension-reducing effect of the double-sided fabric L02

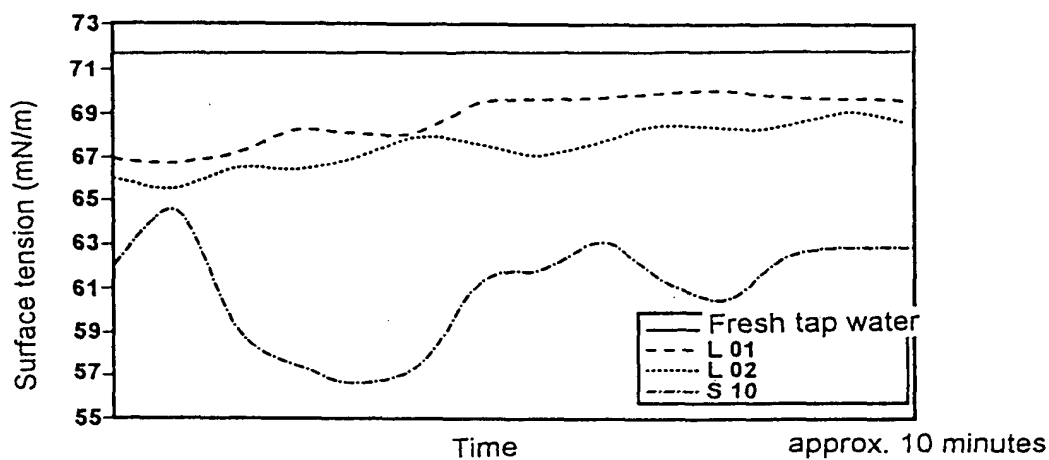


Surface tension-reducing effect of the double-sided fabric S10

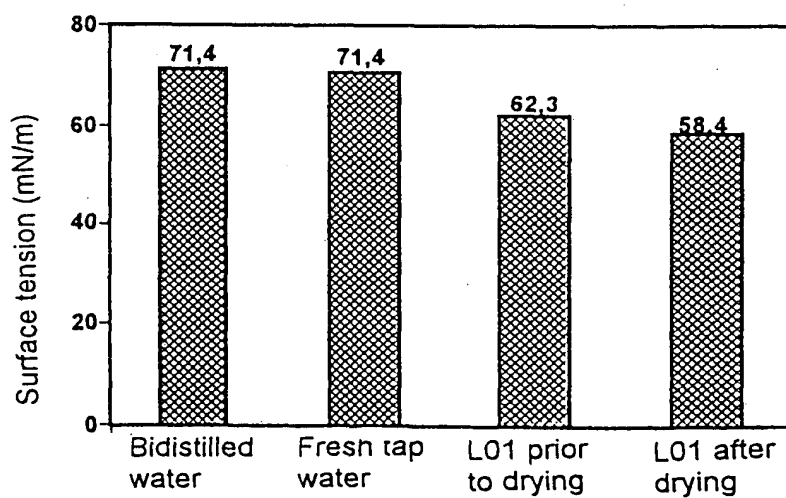


14/15

Figures 29 and 30



Surface tension with fabrics which remain in the water

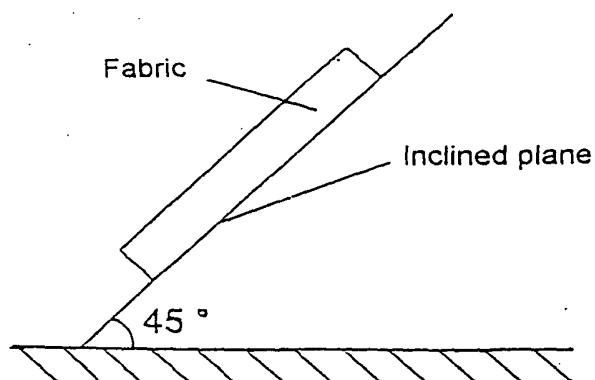


Surface tension-reducing effect of the fabric L01 before and after the drying phase (mean values)



15/15

Figures 31 and 32



Test set-up to determine the water-absorbing capacity

